

**From:** [Rodriguez, Jose](#)  
**To:** [Kenny Blake](#)  
**Cc:** [Baker, JohnE](#); [Ngo, Kim](#); [Bresnahan, Meaghan \(bresnahan.meaghan@epa.gov\)](#)  
**Subject:** RE: Well 1 Remaining Deficiency - Vent  
**Date:** Friday, September 01, 2017 6:08:00 PM  
**Attachments:** [Well Vent Schematic.pptx](#)  
[Cochiti Lakes 041515 Cochiti Lake Well exapnding foam covering draw down test tubing.JPG](#)

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Yes but when the pump is running water will be pour out from the vent if you put it the raw water sample tap.

The vent is intended to allow air to enter and exit the pump as it turns on and off. The sample tap is on the discharge pipe. Any air in the discharge pipe is released through the air relief valve. The needs to be in a location to vent the area between the discharge pipe and the casing. When the pump is off the water level is at the top of the water table. As the pump turns on the water table draws down and forms a cone. As it is drawing down air needs to enter the casing and as the pump shuts down the air needs to be released to allow through the vent. See the attached schematic.

The well pump structure actually has an opening where a vent can be installed but it is currently being used for the drawdown tube. The attached picture a shows the location.

I am also being deployed to assist with the Hurricane Harvey Response.

Thank you,

José G. Rodriguez

(214) 665-8087

[Rodriguez.jose@epa.gov](mailto:Rodriguez.jose@epa.gov)

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**From:** Kenny Blake [<mailto:kenny@cochitigolfclub.com>]

**Sent:** Friday, September 01, 2017 5:21 PM

**To:** Rodriguez, Jose

**Subject:** Re: Well 1 Remaining Deficiency - Vent

There is no pressure on that tap until the pump is running

Kenny Blake

[kenny@cochitigolfclub.com](mailto:kenny@cochitigolfclub.com)

On Sep 1, 2017, at 2:51 PM, Rodriguez, Jose <[Rodriguez.Jose@epa.gov](mailto:Rodriguez.Jose@epa.gov)> wrote:

Kenny,

Thank you for the information. The plan as described is not an appropriate place for the well vent. Because the sample tap is under pressure, this will cause water to continually flow through the vent.

We had previously discussed installing the vent on the sounding tube.

Thank you,

José G. Rodriguez

(214) 665-8087

[Rodriguez.jose@epa.gov](mailto:Rodriguez.jose@epa.gov)

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**From:** Kenny Blake [<mailto:kenny@cochitigolfclub.com>]

**Sent:** Thursday, August 31, 2017 12:35 PM

**To:** Bresnahan, Meaghan <[bresnahan.meaghan@epa.gov](mailto:bresnahan.meaghan@epa.gov)>; AWO <[awo@q.com](mailto:awo@q.com)>;

Rodriguez, Jose <[Rodriguez.Jose@epa.gov](mailto:Rodriguez.Jose@epa.gov)>

**Cc:** Ngo, Kim <[Ngo.Kim@epa.gov](mailto:Ngo.Kim@epa.gov)>; Baker, JohnE <[Baker.JohnE@epa.gov](mailto:Baker.JohnE@epa.gov)>

**Subject:** Well 1 Remaining Deficiency - Vent

Jose: (FYI to all others) I want to resolve the remaining well 1 deficiency as outlined in the August 18 letter. (There is no vent in the well casing)

First, I need to know where I can buy a well vent and what it looks like to show the supply house. Once I have the vent, please see the attached picture. My intent is to place a T where the raw water sample tap is and have the raw water sample to the right and the well vent to the left.

Will this be a suitable place to attach the well vent and the raw water sample trap?

Thanks – We are moving forward to resolve every issue in a reasonable time frame –

Thanks to all - kb

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**From:** Bresnahan, Meaghan [<mailto:bresnahan.meaghan@epa.gov>]

**Sent:** Wednesday, August 30, 2017 7:02 AM

**To:** Kenny Blake; AWO

**Cc:** Ngo, Kim; Baker, JohnE

**Subject:** Follow up

Hi Kenny,

To follow up from our phone call yesterday, I left a message with Mike yesterday afternoon recommending that you switch back over to Well 1 as soon as possible. Please stay on the Boil Water Advisory until 1 clean source sample and 2 clean BacT results are returned by the lab. Once those results are returned to EPA, we will confirm with you that the BWA can be lifted.

Regarding the Public Notice for the August 18<sup>th</sup> “failure to complete deficiencies” letter, public notice is still required even if well 2 is disconnected. I know that causes additional headache, but this is required by the National Primary Drinking Water Regulations. Because this is a 30 day PN, it does not need to be hand delivered as long as there are other methods of getting the information to all your customers.

As always, call if you have any questions.

Thanks,

Meaghan

Meaghan Bresnahan

Drinking Water Section

EPA Region 6

1445 Ross Ave (6WQ-SD)

Dallas, TX 75206

(214)665-8354